Abstract of the Disclosure:

The invention facilitates the creation of a control software for a data processing device of a specific automation system. The method generates a structure representation, describing a specific automation system, from a model structure representation which describes a general automation system. The model structure representation includes a structured representation of functional groups of the general automation system and the interconnections thereof and each functional group can be associated with one or several components of the specific automation system. The method includes the following steps: - preparation of a text file, reproducing the model structure representation, for a data processing device which controls the specific automation system, - determination of the components of said specific automation system, which can be associated together with a functional group of the model structure representation, by the data processing device and - entry of the determined components into the model structure representation with generation of the structure representation, describing the specific automation system.